

Docket No. 216339US0/hc



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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Junichi NAKAI

SERIAL NO: 09/989,025

GAU: 1646

FILED: November 21, 2001

EXAMINER:

FOR: METHOD OF PRODUCING A BIOSENSOR PROTEIN CAPABLE OF REGULATING A FLUORESCENCE PROPERTY OF GREEN FLUORESCENT PROTEIN, AND THE BIOSENSOR PROTEIN PRODUCED BY THE METHOD

INFORMATION DISCLOSURE/RELATED CASE STATEMENT UNDER 37 CFR 1.97

ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

SIR:

Applicant(s) wish to disclose the following information.

REFERENCES

- ☒ The applicant(s) wish to make of record the references cited in the attached European Search Report listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- ☐ A check is attached in the amount required under 37 CFR §1.17(p).

RELATED CASES

- ☐ Attached is a list of applicant's pending application(s) or issued patent(s) which may be related to the present application. A copy of the patent(s), together with a copy of the claims and drawings of the pending application(s) is attached along with PTO 1449.
- ☐ A check is attached in the amount required under 37 CFR §1.17(p).

CERTIFICATION

- ☒ Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

DEPOSIT ACCOUNT

- ☒ Please charge any additional fees for the papers being filed herewith and for which no check is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,
MAIER & NEUSTADT, P.C.

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REGISTRATION NUMBER 30,996

Docket No. 216339US0/hc

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Junichi NAKAI

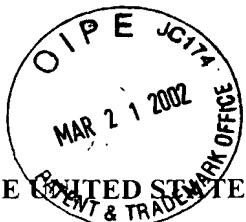
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WASHINGTON, D.C. 20231

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Form PTO 1449 (Modified)		DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 216339US0		SERIAL NO. 09/989155	
LIST OF REFERENCES CITED BY APPLICANT				APPLICANT Junichi NAKAI			
				FILING DATE November 21, 2001		GROUP 164	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						
	AN						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO		
	AO	WO 00/71565	11/30/2000	WIPO			
	AP	1 132 397	09/12/2001	EUROPE			
	AQ						
	AR						
	AS						
	AT						
	AU						
	AV						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
	AW	J. NAKAI, et al., Nature Biotechnology, vol. 19, no. 2, pages 137-141, "A HIGH SIGNAL-TO-NOISE Ca ²⁺ PROBE COMPOSED OF A SINGLE GREEN FLUORESCENT PROTEIN", February 2001					
	AX	G. S. BAIRD, et al., Proc. Natl. Acad. Sci. USA, vol. 96, no. 20, pages 11241-11246, "CIRCULAR PERMUTATION AND RECEPTOR INSERTION WITHIN GREEN FLUORESCENT PROTEINS", September 28, 1999					
	AY	N. DOI, et al., FEBS Letters, vol. 453, no. 3, pages 305-307, "DESIGN OF GENERIC BIOSENSORS BASED ON GREEN FLUORESCENT PROTEINS WITH ALLOSTERIC SITES BY DIRECTED EVOLUTION", June 25, 1999					
	AZ	C. SCHARNAGL, et al., Biophysical Journal, vol. 77, no. 4, pages 1839-1857, "MOLECULAR BASIS FOR pH SENSITIVITY AND PROTON TRANSFER IN GREEN FLUORESCENT PROTEIN: PROTONATION AND CONFORMATIONAL SUBSTATES FROM ELECTROSTATIC CALCULATIONS", October 1999					
Examiner					Date Considered		
*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							